

THE PORT AUTHORITY  
OF NEW YORK AND NEW JERSEY

ENGINEERING PROGRAM MANAGER  
WORLD TRADE  
CENTER  
CHIEF ELECTRICAL ENGINEER

# NOTES:

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2 AND E-4. FOR WIRING DIAGRAMS, SEE DWGS. E-3 AND E-4.
2. NOT USED
3. ONLY AFTER INSTALLED STROBES ARE TESTED AND OPERATIONAL SHALL CONTRACTOR REMOVE EXISTING STROBE IN THE PRESENCE OF THE ENGINEER. PATCH WALL TO MATCH EXISTING WALL FINISH.
4. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
5. DISCONNECT AND ABANDON EXISTING STROBE CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.

## STROBE CIRCUIT/LOADING TABLE

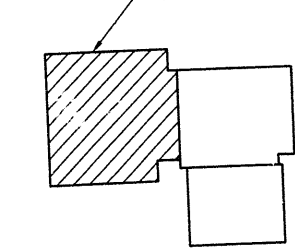
STROBE TYPE AND RATING	TYPE	15cd	30cd	75cd	110cd	CURRENT PER CIRCUIT (AMPS.)	CIRCUIT LENGTH (FT.)
STR-C1	5	3	0	0	0	0.615	269
STR-C2	3	1	1	1	1	0.663	286
STR-C3	5	1	1	1	1	0.789	321
STR-C4	FUTURE						
STR-D1	8	0	1	0	0	0.669	332
STR-D2	7	1	2	0	0	0.871	391
STR-D3	10	2	0	0	0	0.830	376
STR-D4	FUTURE						
STR-E1	0	0	2	1	0	0.539	181
STR-E2	2	0	1	0	0	0.291	103
STR-E3	1	0	2	0	0	0.393	169
STR-E4	FUTURE						
STR-F1	4	0	0	1	0	0.461	224
STR-F2	3	0	0	1	0	0.398	191
STR-F3	SPARE						
STR-F4	FUTURE						
STR-G1	1	2	2	1	0	0.802	430
STR-G2	4	1	1	2	0	0.935	374
STR-G3	8	2	1	0	0	0.869	413
STR-G4	FUTURE						
STR-H1	9	0	0	1	0	0.732	463
STR-H2	5	2	0	2	0	0.933	435
STR-H3	7	3	0	0	0	0.741	394
STR-H4	FUTURE						
GRAND TOTAL						11.531	5352

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-861.573 IN THE FORM IN WHICH SAID DRAWING EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/00 CONTRACTOR ARCH.

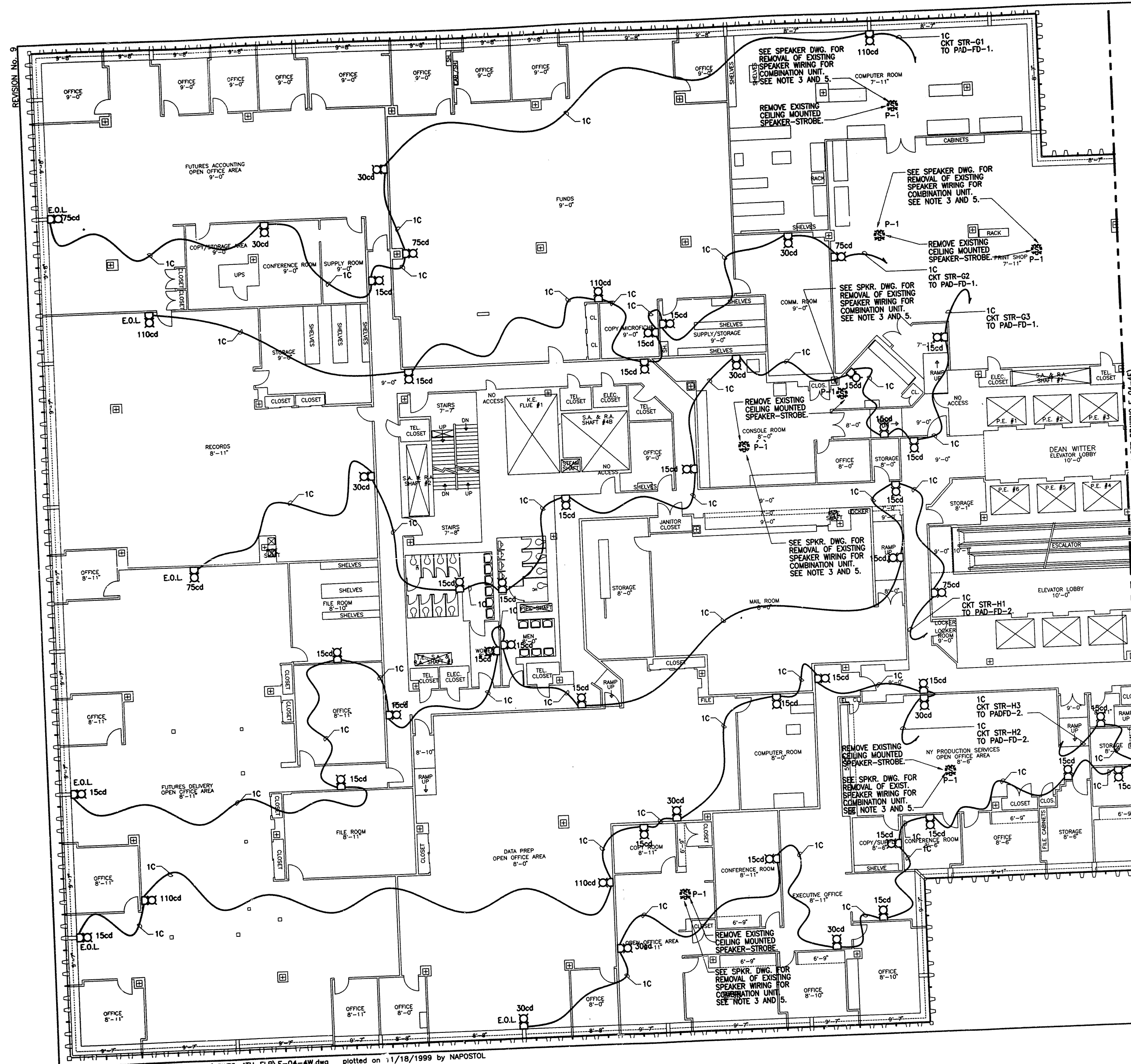
DATE 2/1/00 ENGINEERING PROGRAM MGR.

CONSTRUCTION SITE



KEY PLAN  
N.T.S.

0 12 24  
SCALE IN FEET



FILE NAME: N:\WTC-861.124\3-4-5-6\SWTC\_4TH\_FLR\E-04-4W.dwg plotted on 1/18/1999 by NASTOL

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD  
TRADE  
CENTER

ELECTRICAL

Title  
FIRE ALARM SYSTEM  
DEVICE UPGRADE  
PHASE III  
5 WTC 3rd, 4th, 5th & 6th FLOORS

4th FLOOR  
STROBE LAYOUT  
INSTALLATION AND  
REMOVAL  
WEST PART PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

FELDSHEIN APOSTLE A.S.  
Designed by Drawn by Checked by

NOVEMBER 26, 1999  
Date

WTC-861.573 E-04-4W  
Contract Number Drawing Number